0280 OIPE 0280

CRF Errors Corrected by the STIC Systems Branch

CRF Processing Date: 6/15/99 #2

Serial Number: 09/322,732

Edited by: _____

Verified by: _____ (STIC staff)

☐ Changed a file from non-ASCII to ASCII

☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.

☐ Edited a format error in the Current Application Data section, specifically: ENTERED

☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.

☐ Added the mandatory heading and subheadings for "Current Application Data".

☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:

_____

☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

_____

☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

_____

☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

☐ Inserted colons after headings/subheadings. Headings edited included:

_____

☐ Deleted extra, invalid, headings used by an applicant, specifically:

_____

☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____.

☐ Inserted mandatory headings, specifically: _____

☐ Corrected an obvious error in the response, specifically:

_____

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OIPE/JCWS

☐ Edited identifiers where upper case is used but lower case is required, or vice versa.

☐ Corrected an error in the Number of Sequences field, specifically:

_____

☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

☐ Deleted ***ending*** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

☑ Other: Seq 1 and 2 - aligned amino acid nos

Seq 3 - moved <2137 response up one line

***Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.**

3/1/95

This Raw Listing contains the General Information Section and up to first 5 pages.

<110> APPLICANT: Marotti, Keith R.
Poorman, Roger A.
Wells, Peter Andrew
Shinaberger, Dean L.
<120> TITLE OF INVENTION: Elongation Factor P (EFP) And Assays And Antimicrobial Treatments Related To The Same
<130> FILE REFERENCE: PUJ-0041
<140> CURRENT APPLICATION NUMBER: US/09/322,732
<141> CURRENT FILING DATE: 1999-05-28
<150> EARLIER APPLICATION NUMBER: 60/117,473
<151> EARLIER FILING DATE: 1999-01-27
<160> NUMBER OF SEQ ID NOS: 3
<210> SEQ ID NO 1
<211> LENGTH: 185
<212> TYPE: PRT
<213> ORGANISM: Staphylococcus aureus
<220> FEATURE:
<223> OTHER INFORMATION:
<400> SEQUENCE: 1

```
Met Ile Ser Val Asn Asp Phe Lys Thr Gly Leu Thr Ile Ser Val Asp
1               5                  10                  15
Asn Ala Ile Trp Lys Val Ile Asp Phe Gln His Val Lys Pro Gly Lys
            20                  25                  30
Gly Ser Ala Phe Val Arg Ser Lys Leu Arg Asn Leu Arg Thr Gly Ala
        35                  40                  45
Ile Gln Glu Lys Thr Phe Arg Ala Gly Glu Lys Val Glu Pro Ala Met
    50                  55                  60
Ile Glu Asn Arg Arg Met Gln Tyr Leu Tyr Ala Asp Gly Asp Asn His
65                  70                  75                  80
Val Phe Met Asp Asn Glu Ser Phe Glu Gln Thr Glu Leu Ser Ser Asp
                85                  90                  95
Tyr Leu Lys Glu Glu Leu Asn Tyr Leu Lys Glu Gly Met Glu Val Gln
            100                 105                 110
Ile Gln Thr Tyr Glu Gly Glu Thr Ile Gly Val Glu Leu Pro Lys Thr
        115                 120                 125
Val Glu Leu Thr Val Thr Glu Thr Glu Pro Gly Ile Lys Gly Asp Thr
    130                 135                 140
Ala Thr Gly Ala Thr Lys Ser Ala Thr Val Glu Thr Gly Tyr Thr Leu
145                 150                 155                 160
Asn Val Pro Leu Phe Val Asn Glu Gly Asp Val Leu Ile Ile Asn Thr
                165                 170                 175
Gly Asp Gly Ser Tyr Ile Ser Arg Gly
            180                 185
```

<210> SEQ ID NO 2

<211> LENGTH: 188
<212> TYPE: PRT
<213> ORGANISM: Escherichia coli
<220> FEATURE:
<223> OTHER INFORMATION:
<400> SEQUENCE: 2

```
Met Ala Thr Tyr Tyr Ser Asn Asp Phe Arg Ala Gly Leu Lys Ile Met
1               5                  10                  15
Leu Asp Gly Glu Pro Tyr Ala Val Glu Ala Ser Glu Phe Val Lys Pro
            20                  25                  30
Gly Lys Gly Gln Ala Phe Ala Arg Val Lys Leu Arg Arg Leu Leu Thr
        35                  40                  45
Gly Thr Arg Val Glu Lys Thr Phe Lys Ser Thr Asp Ser Ala Glu Gly
    50                  55                  60
Ala Asp Val Val Asp Met Asn Leu Thr Tyr Leu Tyr Asn Asp Gly Glu
65                  70                  75                  80
Phe Trp His Phe Met Asn Asn Glu Thr Phe Glu Gln Leu Ser Ala Asp
                85                  90                  95
Ala Lys Ala Ile Gly Asp Asn Ala Lys Trp Leu Leu Asp Gln Ala Glu
            100                 105                 110
Cys Ile Val Thr Leu Trp Asn Gly Gln Pro Ile Ser Val Thr Pro Pro
        115                 120                 125
Asn Phe Val Glu Leu Glu Ile Val Asp Thr Asp Pro Gly Leu Lys Gly
    130                 135                 140
Asp Thr Ala Gly Thr Gly Gly Lys Pro Ala Thr Leu Ser Thr Gly Ala
145                 150                 155                 160
Val Val Lys Val Pro Leu Phe Val Gln Ile Gly Glu Val Ile Lys Val
                165                 170                 175
Asp Thr Arg Ser Gly Glu Tyr Val Ser Arg Val Lys
            180                 185
```

<210> SEQ ID NO 3
<211> LENGTH: 29
<212> TYPE: RNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Synthetic oligoribonucleotide
<400> SEQUENCE: 3

```
gggaauucgg agguuuaaaa auggguaaa          29
```

VERIFICATION SUMMARY
PATENT APPLICATION **US/09/322,732**

DATE: 06/17/1999
TIME: 12:26:20

Input Set: **I322732.RAW**

Line	?	Error/Warning	Original Text

PREVIOUSLY ERRORED SEQUENCES-EDITED

<210> 1
<211> 185
<212> PRT
<213> Staphylococcus aureus
<220>
<223>
<400> 1

```
Met Ile Ser Val Asn Asp Phe Lys Thr Gly Leu Thr Ile Ser Val Asp
1               5                  10                  15
Asn Ala Ile Trp Lys Val Ile Asp Phe Gln His Val Lys Pro Gly Lys
            20                  25                  30
Gly Ser Ala Phe Val Arg Ser Lys Leu Arg Asn Leu Arg Thr Gly Ala
        35                  40                  45
Ile Gln Glu Lys Thr Phe Arg Ala Gly Glu Lys Val Glu Pro Ala Met
    50                  55                  60
Ile Glu Asn Arg Arg Met Gln Tyr Leu Tyr Ala Asp Gly Asp Asn His
65                  70                  75                  80
Val Phe Met Asp Asn Glu Ser Phe Glu Gln Thr Glu Leu Ser Ser Asp
                85                  90                  95
Tyr Leu Lys Glu Glu Leu Asn Tyr Leu Lys Glu Gly Met Glu Val Gln
            100                 105                 110
Ile Gln Thr Tyr Glu Gly Glu Thr Ile Gly Val Glu Leu Pro Lys Thr
        115                 120                 125
Val Glu Leu Thr Val Thr Glu Thr Glu Pro Gly Ile Lys Gly Asp Thr
    130                 135                 140
Ala Thr Gly Ala Thr Lys Ser Ala Thr Val Glu Thr Gly Tyr Thr Leu
145                 150                 155                 160
Asn Val Pro Leu Phe Val Asn Glu Gly Asp Val Leu Ile Ile Asn Thr
                165                 170                 175
Gly Asp Gly Ser Tyr Ile Ser Arg Gly
            180                 185
```

<210> 2
<211> 188
<212> PRT
<213> Escherichia coli
<220>
<223>
<400> 2

```
Met Ala Thr Tyr Tyr Ser Asn Asp Phe Arg Ala Gly Leu Lys Ile Met
1               5                  10                  15
Leu Asp Gly Glu Pro Tyr Ala Val Glu Ala Ser Glu Phe Val Lys Pro
            20                  25                  30
Gly Lys Gly Gln Ala Phe Ala Arg Val Lys Leu Arg Arg Leu Leu Thr
        35                  40                  45
Gly Thr Arg Val Glu Lys Thr Phe Lys Ser Thr Asp Ser Ala Glu Gly
    50                  55                  60
```

```
47          Ala Asp Val Val Asp Met Asn Leu Thr Tyr Leu Tyr Asn Asp Gly Glu
48          65                  70                  75                  80
49          Phe Trp His Phe Met Asn Asn Glu Thr Phe Glu Gln Leu Ser Ala Asp
50                              85                  90                  95
```

```
51          Ala Lys Ala Ile Gly Asp Asn Ala Lys Trp Leu Leu Asp Gln Ala Glu
52                      100                 105                 110
53          Cys Ile Val Thr Leu Trp Asn Gly Gln Pro Ile Ser Val Thr Pro Pro
54                  115                 120                 125
55          Asn Phe Val Glu Leu Glu Ile Val Asp Thr Asp Pro Gly Leu Lys Gly
56              130                 135                 140
57          Asp Thr Ala Gly Thr Gly Gly Lys Pro Ala Thr Leu Ser Thr Gly Ala
58          145                 150                 155                 160
59          Val Val Lys Val Pro Leu Phe Val Gln Ile Gly Glu Val Ile Lys Val
60                      165                 170                 175
61          Asp Thr Arg Ser Gly Glu Tyr Val Ser Arg Val Lys
62                      180                 185
```

```
63    <210> 3
64    <211> 29
65    <212> RNA
66    <213> Artificial Sequence
67    <220>
68    <223> Synthetic oligoribonucleotide
69    <400> 3
70          gggaauucgg agguuuaaaa auggguaaa          29
```

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/322,732

DATE: 06/15/1999
TIME: 17:52:24

Input Set: I322732.RAW

This Raw Listing contains the General Information Section and those Sequences containing ERRORS.

Does Not Comply
Corrected Diskette Needed

<110> Marotti, Keith R.
Poorman, Roger A.
Wells, Peter Andrew
Shinaberger, Dean L.
<120> Elongation Factor P (EFP) And Assays And Antimicrobial Treatments Related To
<130> PUJ-0041
<140> US/09/322,732
<141> 1999-05-28
<150> 60/117,473
<151> 1999-01-27
<160> 3

see item 3 on Error Summary Sheet

ERRORED SEQUENCES FOLLOW

misaligned amino acid nos. - see item 4 on Error Summary Sheet

<210> 1
<211> 185
<212> PRT
<213> Staphylococcus aureus
<220>
<223>
<400> 1

```
      Met Ile Ser Val Asn Asp Phe Lys Thr Gly Leu Thr Ile Ser Val Asp
E-->  1  ~~2~~        5        ~~5~~       10                  15 ~~10~~
      Asn Ala Ile Trp Lys Val Ile Asp Phe Gln His Val Lys Pro Gly Lys
E-->              20 ~~20~~       25                  ~~25~~30
      Gly Ser Ala Phe Val Arg Ser Lys Leu Arg Asn Leu Arg Thr Gly Ala
E-->                35                  40
      Ile Gln Glu Lys Thr Phe Arg Ala Gly Glu Lys Val Glu Pro Ala Met
E-->           50                  55                          60
      Ile Glu Asn Arg Arg Met Gln Tyr Leu Tyr Ala Asp Gly Asp Asn His
E-->  65                  70                          75
      Val Phe Met Asp Asn Glu Ser Phe Glu Gln Thr Glu Leu Ser Ser Asp
E-->                          85                  90
      Tyr Leu Lys Glu Glu Leu Asn Tyr Leu Lys Glu Gly Met Glu Val Gln
E-->                     100                 105
      Ile Gln Thr Tyr Glu Gly Glu Thr Ile Gly Val Glu Leu Pro Lys Thr
E-->           115                 120                         125
      Val Glu Leu Thr Val Thr Glu Thr Glu Pro Gly Ile Lys Gly Asp Thr
E-->        130                 135                 140
      Ala Thr Gly Ala Thr Lys Ser Ala Thr Val Glu Thr Gly Tyr Thr Leu
E-->  145                 150                 155
      Asn Val Pro Leu Phe Val Asn Glu Gly Asp Val Leu Ile Ile Asn Thr
```

```
E--> 40                                        165                 170
     41        Gly Asp Gly Ser Tyr Ile Ser Arg Gly
E--> 42                            180                 185
```

misaligned amino acid numbers - please edit

```
     43  <210> 2
     44  <211> 188
     45  <212> PRT
     46  <213> Escherichia coli
     47  <220>
     48  <223>
     49  <400> 2
     50        Met Ala Thr Tyr Tyr Ser Asn Asp Phe Arg Ala Gly Leu Lys Ile Met
E--> 51         1               5                  10
     52        Leu Asp Gly Glu Pro Tyr Ala Val Glu Ala Ser Glu Phe Val Lys Pro
E--> 53                        20                  25
     54        Gly Lys Gly Gln Ala Phe Ala Arg Val Lys Leu Arg Arg Leu Leu Thr
E--> 55                    35                  40
     56        Gly Thr Arg Val Glu Lys Thr Phe Lys Ser Thr Asp Ser Ala Glu Gly
E--> 57                50                  55                  60
     58        Ala Asp Val Val Asp Met Asn Leu Thr Tyr Leu Tyr Asn Asp Gly Glu
E--> 59        65                  70                  75
     60        Phe Trp His Phe Met Asn Asn Glu Thr Phe Glu Gln Leu Ser Ala Asp
E--> 61                            85                  90
     62        Ala Lys Ala Ile Gly Asp Asn Ala Lys Trp Leu Leu Asp Gln Ala Glu
E--> 63                        100                 105
     64        Cys Ile Val Thr Leu Trp Asn Gly Gln Pro Ile Ser Val Thr Pro Pro
E--> 65                    115                 120                 125
     66        Asn Phe Val Glu Leu Glu Ile Val Asp Thr Asp Pro Gly Leu Lys Gly
E--> 67                130                 135                 140
     68        Asp Thr Ala Gly Thr Gly Gly Lys Pro Ala Thr Leu Ser Thr Gly Ala
E--> 69        145                 150                 155
     70        Val Val Lys Val Pro Leu Phe Val Gln Ile Gly Glu Val Ile Lys Val
E--> 71                            165                 170
     72        Asp Thr Arg Ser Gly Glu Tyr Val Ser Arg Val Lys
E--> 73                        180                 185
```

```
     74  <210> 3
     75  <211> 29
     76  <212> RNA
E--> 77  <213>
     78  <220> Artificial Sequence
     79  <223> Synthetic oligoribonucleotide
     80  <400> 3
     81        gggaauucgg agguuuaaaa auggguaaa                    29
```

VERIFICATION SUMMARY
PATENT APPLICATION **US/09/322,732**

DATE: 06/15/1999
TIME: 17:52:24

Input Set: **I322732.RAW**

Line	?	Error/Warning	Original Text
20	E	Invalid/Missing Amino Acid Numbering	1 5
22	E	Invalid/Missing Amino Acid Numbering	20
24	E	Invalid/Missing Amino Acid Numbering	35
26	E	Invalid/Missing Amino Acid Numbering	50 55
28	E	Invalid/Missing Amino Acid Numbering	65 70
30	E	Invalid/Missing Amino Acid Numbering	85
32	E	Invalid/Missing Amino Acid Numbering	100
34	E	Invalid/Missing Amino Acid Numbering	115
36	E	Invalid/Missing Amino Acid Numbering	130 13
38	E	Invalid/Missing Amino Acid Numbering	145 150
40	E	Invalid/Missing Amino Acid Numbering	165
42	E	Invalid/Missing Amino Acid Numbering	180
51	E	Invalid/Missing Amino Acid Numbering	1 5
53	E	Invalid/Missing Amino Acid Numbering	20
55	E	Invalid/Missing Amino Acid Numbering	35
57	E	Invalid/Missing Amino Acid Numbering	50 5
59	E	Invalid/Missing Amino Acid Numbering	65 70
61	E	Invalid/Missing Amino Acid Numbering	85
63	E	Invalid/Missing Amino Acid Numbering	100
65	E	Invalid/Missing Amino Acid Numbering	115
67	E	Invalid/Missing Amino Acid Numbering	130 13
69	E	Invalid/Missing Amino Acid Numbering	145 150
71	E	Invalid/Missing Amino Acid Numbering	165
73	E	Invalid/Missing Amino Acid Numbering	180
77	E	Response to "Organism" is Missing	<213>